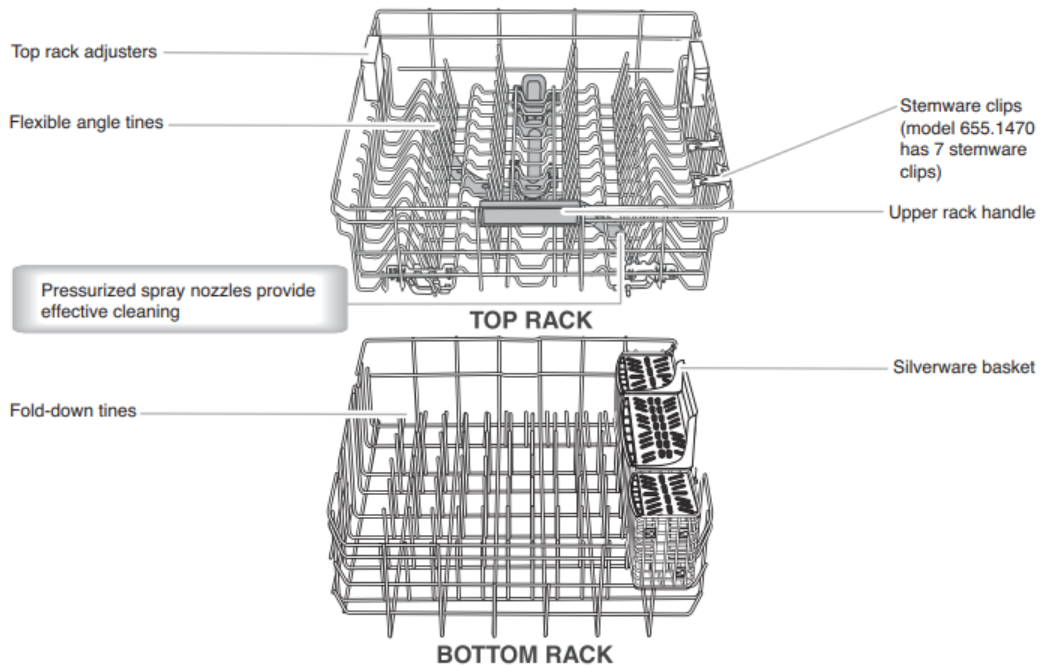
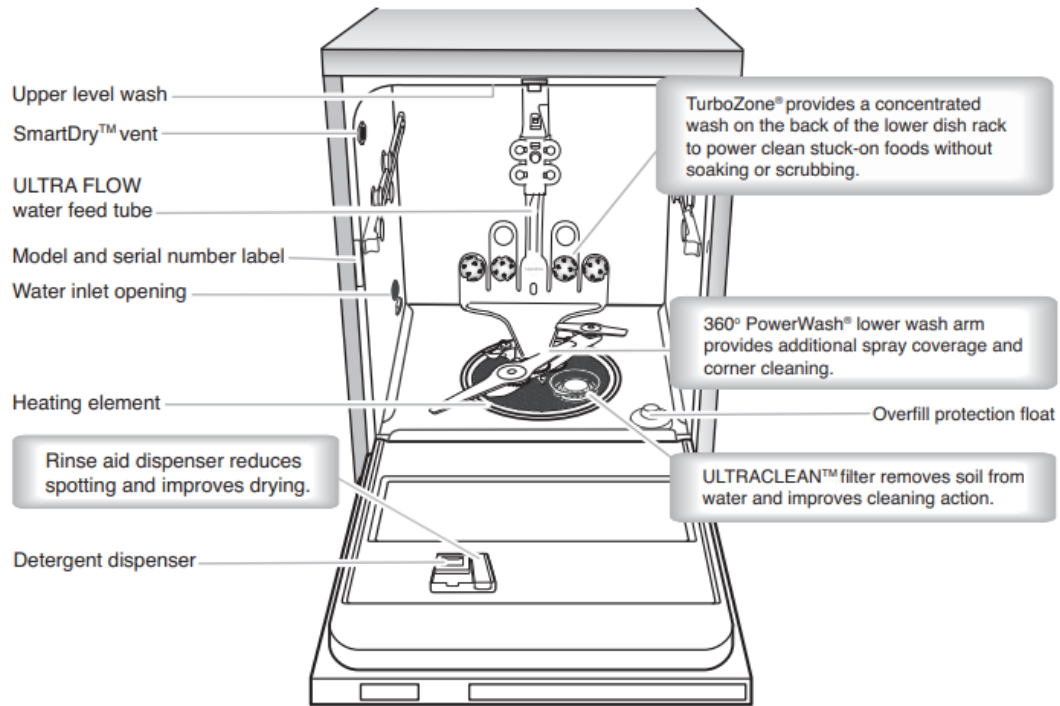


PARTS AND FEATURES

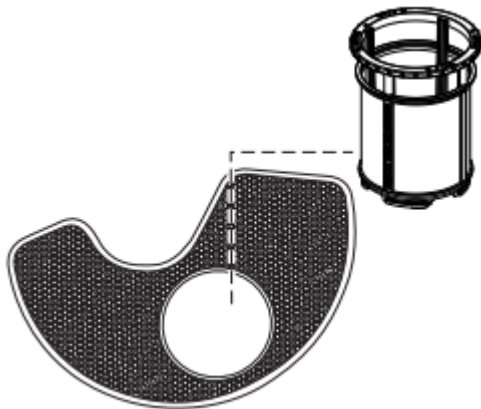


START-UP/QUICK REFERENCE

ULTRACLEAN™ removable filters provide peak performance

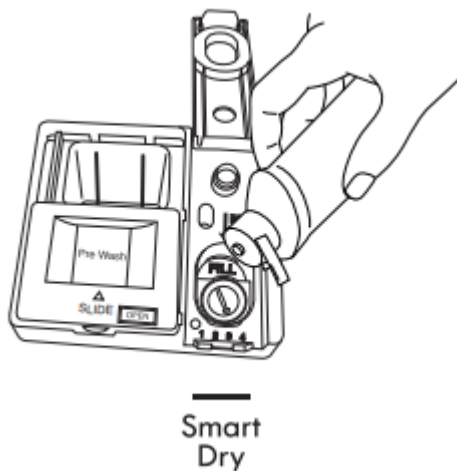


Cleaning the filters periodically helps keep the dishwasher working at peak performance. The filters can be found at the bottom center of your dishwasher. See “Ultraclean™ Filtration System” for information on removing and maintaining the filters.



Drying - Rinse Aid is essential

You must use a drying agent such as rinse aid for good drying performance (sample included). Rinse aid along with the Smart Dry option will provide best drying and avoid excessive moisture in the dishwasher interior.



Express Wash - When you need fast results

High Efficiency dishwashers run longer to save water and energy just as driving a car slower saves on gas. When you need fast results, the Express Wash will clean your dishes using slightly more water and energy. For improved drying, select the Smart Dry option to add additional time to dry.

Express Wash



SmartWash® *HE* cycle

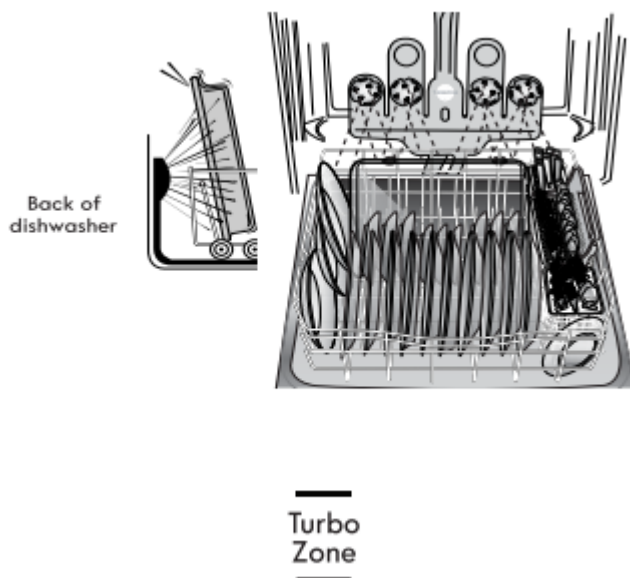
SmartWash® *HE* provides improved results using only the amount of water and energy needed.

The SmartWash® *HE* and Pots & Pans cycles are recommended for tough soil.



TurboZone® loading

When the TurboZone® option is selected, it provides a concentrated wash on the back of the lower dish rack for hard-to-clean dishes. Place these dishes with the soiled surface of the dish toward the TurboZone® spray nozzles in the lower rack of the dishwasher.



Press **START/RESUME** every time you add a dish

To start and resume a cycle, press **START/RESUME** and close the door within 3 seconds. If the door is not closed within 3 seconds, the Start/Resume button LED will flash and the cycle will not start.



IMPORTANT: If anyone opens the door to add a dish even during the delay hours, the Start/Resume button must be pressed each time and the door closed within 3 seconds to resume the cycle.

NOTE: For best results, press the button with the flat part of the finger instead of with your fingertip.



Detergent Dosing

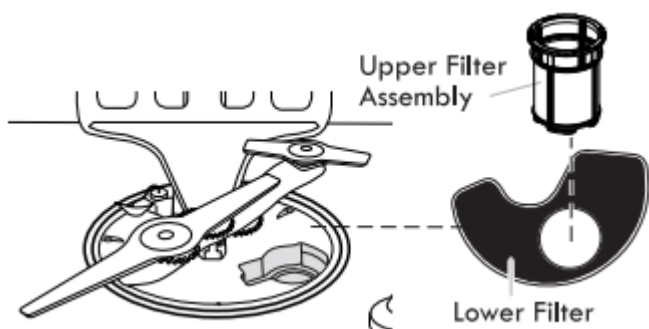
It is possible to use too much detergent in your dishwasher. This can lead to etching of your dishes. See “Detergent and Rinse Aid” to determine the amount of detergent needed based on your water hardness. Using high quality dishwasher detergent tablets or packs have been proven better than powder, liquid or gel detergents to reduce filming on your dishes.

ULTRACLEAN™ FILTRATION SYSTEM

Your dishwasher has the latest technology in dishwasher filtration. This triple filtration system minimizes sound and optimizes water and energy consumption while providing superior cleaning performance. Throughout the life of your dishwasher, the filter will require maintenance to sustain peak cleaning performance.

The triple filter system consists of 2 parts, an upper filter assembly and a lower filter.

- The upper filter assembly keeps oversized items and foreign objects, along with very fine food particles out of the pump.
- The lower filter keeps food from being recirculated onto your dishware.



In order to provide improved cleaning performance we suggest a monthly filter maintenance by removing and inspecting both the upper and the lower filter for any soils. Based on your dishwashing habits, cleaning of the filters may be required more or less often than what is indicated in the chart below.

The filters may need to be cleaned when:

- Visible objects or soils are on the Upper Filter Assembly.
- There is degradation in cleaning performance (that is, soils still present on dishes).
- Dishes feel gritty to the touch.

Removing and maintaining the filters is very easy. The chart below shows the recommended cleaning frequency.

Recommended time interval to clean your filter.

Number of Loads Per Week	If you wash before loading	If you scrape and rinse before loading	If you only scrape before loading*	If you do not scrape or rinse before loading
8-12	Once per year	Every four months	Every two months	Every two weeks
4-7	Once per year	Once per year	Every four months	Once per month
1-3	Once per year	Once per year	Twice per year	Every two months

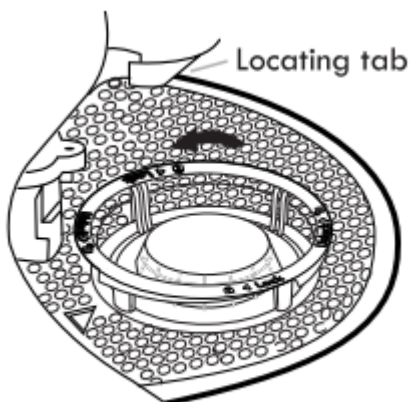
*This is the manufacturer's recommendation: By only scraping your dishes before loading them you save considerable water, energy, personal time and effort.

Very Hard Water

If you have hard water (above 15 grains), clean your filter at least once per month. Buildup of white residue on dishwasher surfaces indicates hard water. You may bring your water samples to Sears to check hardness level. For tips on removing spots and stains, see "Troubleshooting" section.

Filter Removal Instructions

1. Turn the Upper Filter Assembly $\frac{1}{4}$ turn counterclockwise and lift out.
2. Grasp the Lower Filter in the circular opening, lift slightly, and pull forward to remove.
3. Clean the filters as shown below.

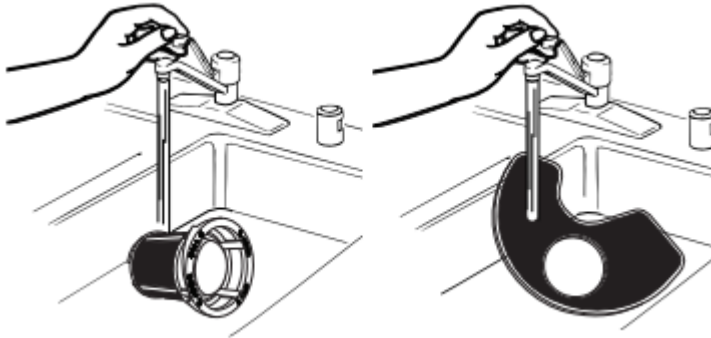


To remove Upper Filter Assembly

Cleaning Instructions

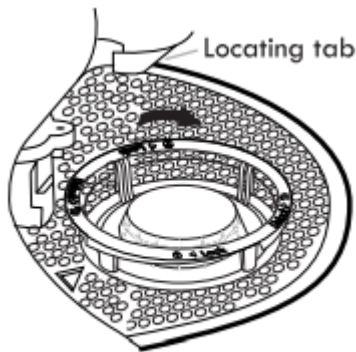
IMPORTANT: Do not use wire brush, scouring pad, etc., as they may damage the filters.

Rinse filter under running water until most soils are removed. If you have hard-to-remove soils or calcium deposits from hard water, a soft brush may be required.



Filter Reinstallation Instructions

1. Noting the previous illustrations, place the Lower Filter under the Locating Tabs in the bottom of the dishwasher so the round opening for the Upper Filter Assembly lines up with the round opening in the bottom of the tub.
2. Insert the Upper Filter Assembly into the circular opening in the Lower Filter.
3. Slowly rotate the filter clockwise until it drops into place. Continue to rotate until the filter is locked into place. If the filter is not fully seated (still turns freely), continue to turn the filter clockwise until it drops and locks into place.



To replace Upper Filter Assembly

IMPORTANT: To avoid damage to dishwasher, do not operate your dishwasher without the ULTRACLEAN™ filters properly installed. Be sure the Lower Filter is securely in place and the Upper Filter Assembly is locked into place. If the Upper Filter Assembly turns freely, it is not locked into place.

360° POWERWASH®

The 360° POWERWASH® lower wash arm provides exceptional spray coverage and reaches further into corners.

DISHWASHER EFFICIENCY TIPS

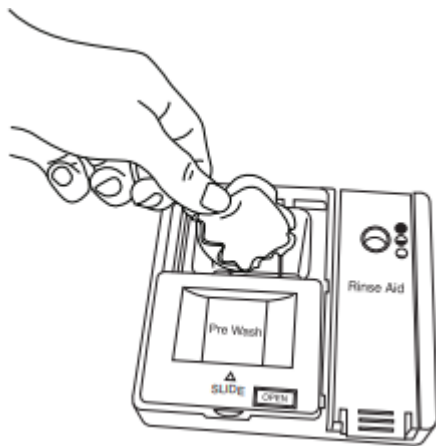
Hot water dissolves and activates the dishwasher detergent. Hot water also dissolves grease on dishes and helps glasses dry spotfree. For best dish washing results, water should be 120°F (49°C) as it enters the dishwasher. Loads may not wash as well if the water temperature is too low.

Additional efficiency tips

- To save water, energy and time, only scrape dishes. Do not rinse dishes before putting them into the dishwasher.
- Use a delay feature to run your dishwasher during off-peak hours. Local utility providers recommend avoiding heavy usage of energy at certain times of day.
- During the summer, run your dishwasher at night. This reduces daytime heat buildup in the kitchen.
- Use a rinse aid to improve drying.

DETERGENT AND RINSE AID

Detergent

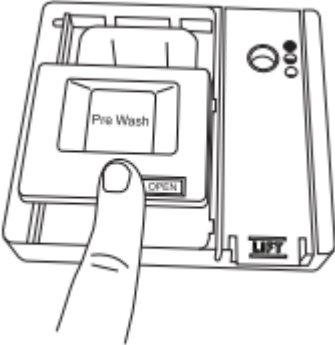
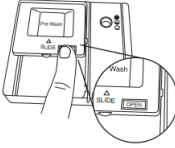


NOTE: If you do not plan to run a wash cycle soon, run a rinse cycle. Do not use detergent.

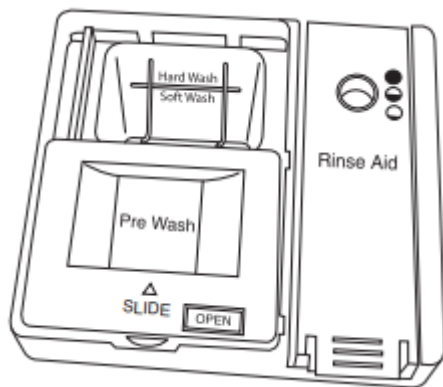
- Use automatic dishwasher detergent only. Add powder, liquid or tablet detergent just before starting a cycle.
- Fresh automatic dishwasher detergent results in better cleaning. Store tightly closed detergent container in a cool, dry place.

Premeasured Detergents

Many detergents now come in premeasured forms (gel packs, tablets, or powder packs). These forms are suitable for all hardness and soil levels. Always place premeasured detergents in main compartment of the dispenser and slide lid to close.

To close lid	To open lid
	
<p>Place selected detergent in the dispenser. Place finger, as shown, and slide lid closed. Press firmly until it clicks.</p>	<p>Push OPEN, as shown, and the lid will slide open.</p>

Using high quality dishwasher detergent tablets or packs has been proven better than powder, liquid or gel detergents at reducing filming on dishes. Using tablets and packs over time will start to reduce or eliminate white film. Also, by using a rinse aid, you can minimize repeat buildup of white film.



Powders and Gels

Water Hardness	Soil Level	Pre-Wash Compartment*	Main Wash Compartment
Soft (0-4 grains per U.S. gallon)	Light	None	“Soft” fill line
	Normal	None	“Soft” fill line
	Heavy	Full	“Soft” fill line
Medium (5-9 grains per U.S. gallon)	Light	None	“Soft” fill line
	Normal	Full	“Soft” fill line
	Heavy	Full	Full**
Hard (10-14 grains per U.S. gallon)	Light	Full	Full**
	Normal	Full	Full**
	Heavy	Full	Full**

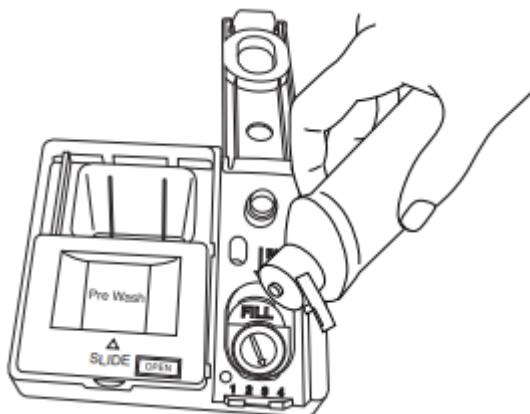
*The prewash compartment is on top of the sliding door of the dispenser.

**A full main wash compartment contains 2 Tbsp. (30 ml)

IMPORTANT: Extremely hard water mineral deposits (15 grains per U.S. gallon or more) can cause damage to your dishwasher and make it difficult to achieve good results. A water softener is recommended to avoid damage and achieve good results. You may bring your water samples to Sears to check hardness level.

NOTE: Follow instructions on the package when using other dishwasher detergent types.

Rinse Aid



IMPORTANT: Your dishwasher is designed to use rinse aid. The use of rinse aids greatly improves drying by allowing water to drain from the dishes after the final rinse. They also keep water from forming droplets that can dry as spots or streaks.

Filling the dispenser

The dispenser holds 5 oz. (150 mL) of rinse aid. Under most conditions this will last 1 to 3 months.



1. To add rinse aid open the rinse dispenser lid by gently pushing in the center of the lid with your thumb and pulling up on the edge.
2. Pour rinse aid into the opening until the dispenser is full. Do not overfill.
3. Clean up any spilled rinse aid. Spilled rinse aid can create excessive suds.
4. Then, close the dispenser by pushing down gently on the lid.

NOTE: Indicator reads correct fill level when door is completely opened.

Rinse Aid Setting

Your rinse aid dispenser is adjustable. For most water conditions, the factory setting will give good results. If you have hard water and notice calcium buildup on your dishware, you may want to try a higher setting. If you notice foam in your dishwasher, use a lower setting.



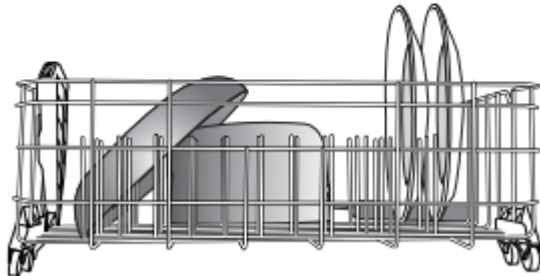
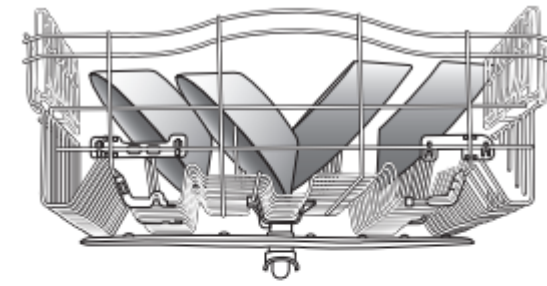
To adjust the setting

Turn the arrow adjuster to a higher setting to increase the amount of rinse aid.

LOADING

Loading for Best Cleaning and Drying Performance

1. Angle dirtiest dish surfaces downward and allow space for water to flow up through each rack and between dishware.



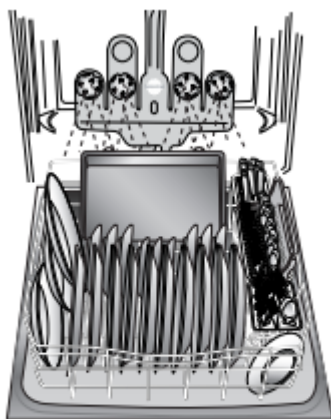
Separating allows water flow.

2. For best silverware cleaning use the slots in the covers to keep items separated.



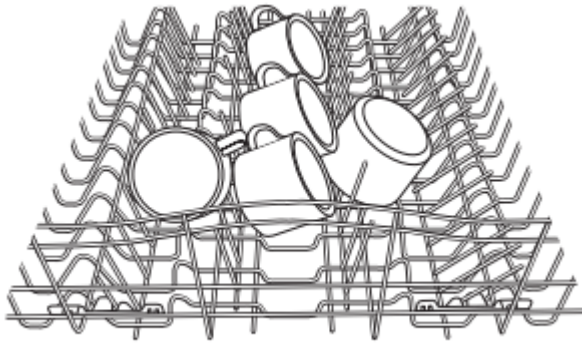
Separated

3. Use TurboZone® option with your dirtiest items facing toward the lower back.



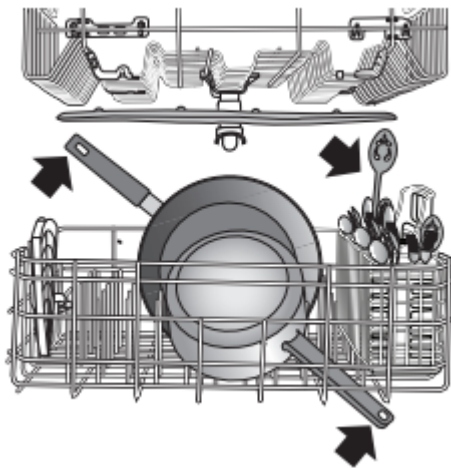
Soil facing TurboZone® spray jets

4. Angle concave surfaces such as the bottom of coffee cups to allow water to drain and improve drying performance.

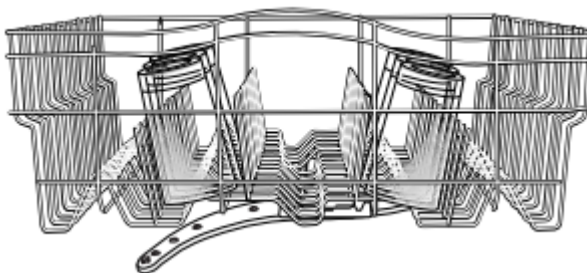


Angled surfaces

5. Check that nothing is blocking the upper or lower spray arms.



6. Place cups and glasses in the rows between tines.

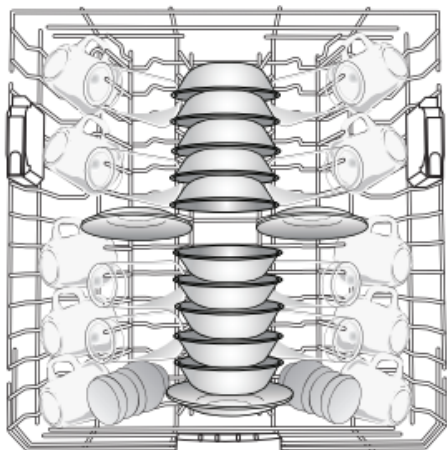


Top Rack Loading

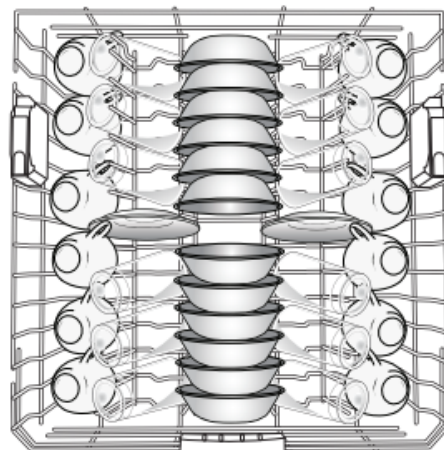
Loading Recommendations

Place cups and glasses in the rows between tines. Placing them over the tines can lead to breakage and water spots. To avoid damage to your delicate items, be sure china, crystal,

stemware and other similar items do not touch during dishwasher operation. Load lightweight and dishwasher-safe plastic items only in the top rack.



10 place setting load

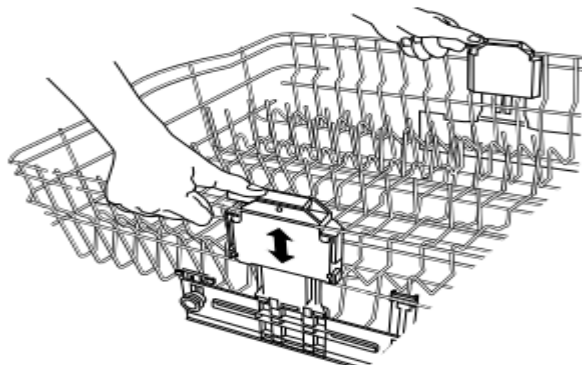


12 place setting load

Deluxe Adjustable 2-position Rack

You can raise or lower the top rack to fit tall items in either the top or bottom rack. Adjusters are located on each side of the top rack. Raise the top rack to accommodate glasses up to 9" (22 cm) in the top rack and plates up to 11 ½" (29 cm) in the bottom rack. Lower the top rack nearly 2" to accommodate taller glasses.

1. To raise, lift rack until both sides are at the same height and lock.
2. To lower, depress both tabs on rack adjusters, as shown, and lower.



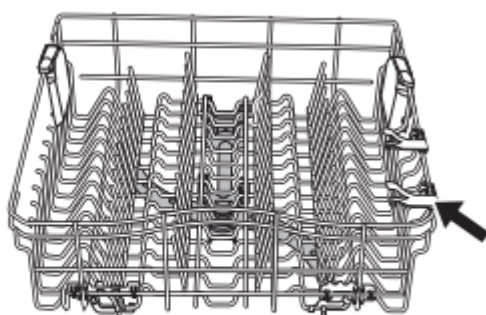
Flexible Angle Tines

The row of tines on the left-hand and right-hand sides of the top rack can be adjusted to make room for a variety of dishes.



Stemware Clips

Use the stemware clips to hold stemware more securely.



Stemware clips (model 655.1470 has 7 clips)

Removable Top Rack

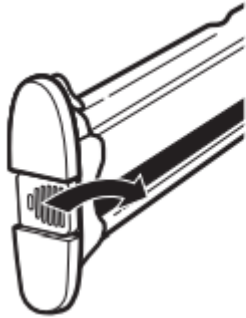
The removable rack allows you to wash larger items such as pots, roasters, and cookie sheets in the bottom rack.

IMPORTANT: Remove dishes prior to removing the top rack from dishwasher.

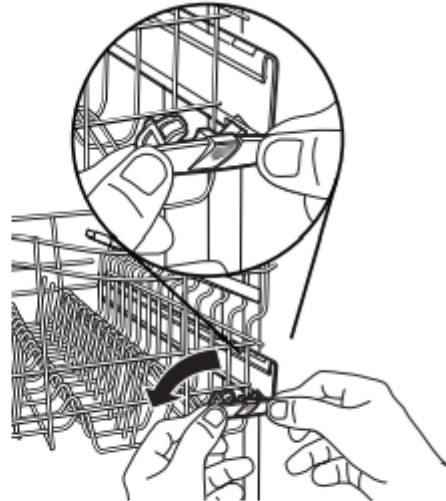
To remove the rack

1. To gain access to the track stops, pull the upper rack forward about halfway out of the tub.
2. Press on the edge of the ridged area on the track stop while tipping the track stop toward the center of the dishwasher. This action releases a small retaining tab that locks the track stop to the track. (See Track stop - Left) NOTE: It is helpful to use two hands. Take special note of the orientation of the track stops
3. With the retaining tab released pull the track stop straight toward the opposite track to remove it.
4. After removing both track stops, carefully pull the top rack out of the tracks by rolling it toward you.

5. Replace the track stops by coming up from under the track and slipping the track stop into the lower slot of the track (See Track stop - Right) and rotate the track stop into place. Then press on the edge of the ridged area while pushing the track stop straight toward the track. This action locks the retaining tab back into place.
6. Test the track stop by pulling it toward the opposite track to ensure that it is locked in place.



Track stop - Left



Track stop - Right

To replace the rack

1. Gently pull the tracks forward in dishwasher until they stop. Remove track stops. (See steps 1 to 3 above)
2. Place the back wheels on each side of the rack into the track and roll the rack into the tracks, but do not push the rack all the way into the tub.
3. Insert front rack wheels on each side of the rack into the track.
4. Slide the rack into the dishwasher.
5. Replace the track stops by coming up from under the track and slipping the track stop into the lower slot of the track (See Track stop - Right) and rotate the track stop into place. Then press on the edge of the ridged area while pushing the track stop straight toward the track. This action locks the retaining tab back into place.
6. Test the track stop by pulling it toward the opposite track to ensure that it is locked in place.

IMPORTANT: Be sure that the track stops are locked in place and cannot be easily removed. They keep the rack from coming out of the track.

Bottom Rack Loading

Loading Recommendations

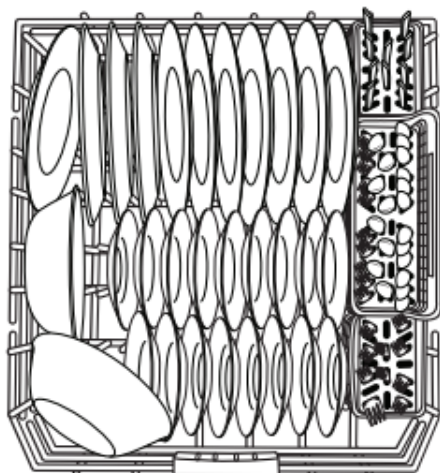
The bottom rack is best suited for plates, pans, casseroles, and utensils. See recommended loading patterns shown.

Load small items in the bottom rack only if they are secured in place.

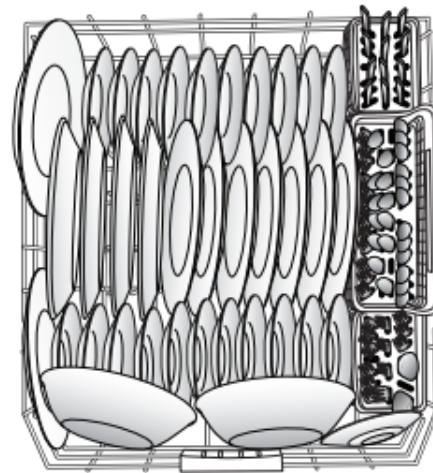
Load plates, soup bowls, etc., between tines.

Load bowls securely between the rows of tines. Ensure that there is space between dishes so that the spray will reach all surfaces.

Load heavily soiled items facing the spray



10 place setting load



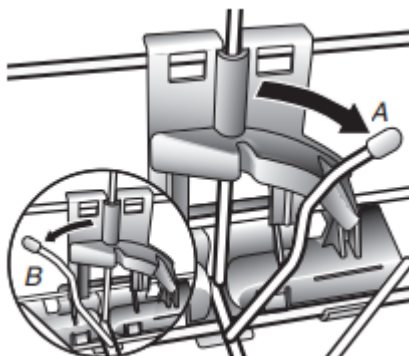
12 place setting load

Fold-Down Tines

You can fold down one row of tines at the back of the bottom rack in order to accommodate larger dishware.

Keep this tine row in the 60° position (A) when using the TurboZone® option.

IMPORTANT: When moving the tine row to the flat position, fold the tine row toward the front of the dishwasher (B).



TurboZone® Loading

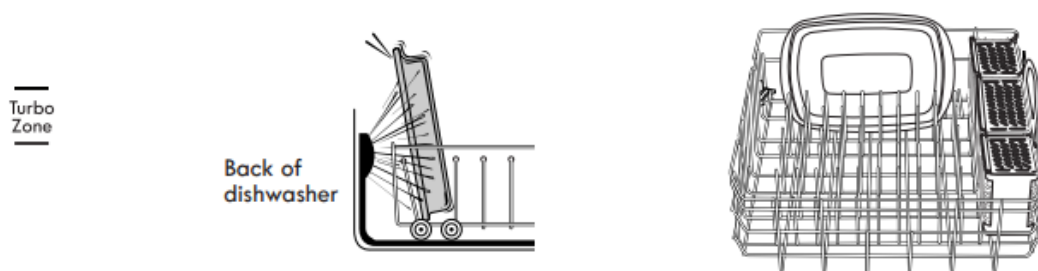
IMPORTANT: For proper performance, only one row of items may face the TurboZone® spray jets.

You must select the TurboZone® wash option to utilize this wash feature.

Load pans, casserole dishes, etc., with the soiled surfaces facing the TurboZone® spray jets.

TurboZone® wash area is located at the back of the lower dish rack.

Place the fold-down tine row in the 60° position when using the TurboZone® option.



Loading Tall Items

You can wash larger items such as pots, roasters, and cookie sheets in the bottom rack by removing the top rack. See “Top Rack Loading” section.

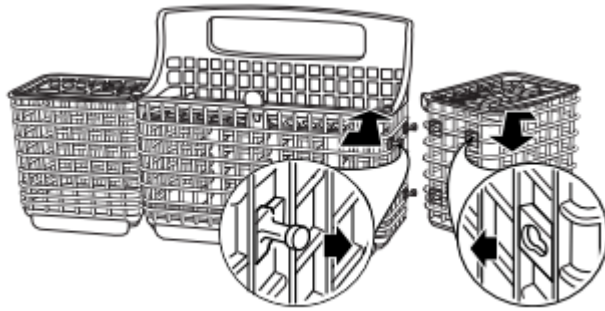


Splittable Silverware Basket (on some models)

Your new silverware basket can be split into three segments.

Removing one segment will increase your capacity in the TurboZone® loading area.

You can remove the covered side baskets to place in the top rack. Use for small delicate items such as baby bottle caps, nipples and small baking utensils, etc.

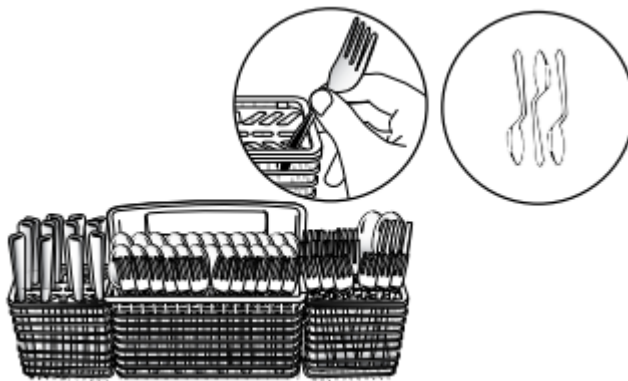


Loading Silverware

Use suggested loading patterns, as shown, to better clean your silverware.

Use the slots in the covers to keep your silverware separated for optimum wash. See illustration at right.

NOTE: If your silverware does not fit into the designated slots, flip the covers up and mix silverware types to keep them separated. Load knives down, forks up, and alternate spoons, as illustrated, for best cleaning results.



DISHWASHER USE

Cycles and Options Information



Model 655.1475



Model 655.1470

Cycles	Estimated Time* Displayed: H:MM	Range of Water Usage Gallons (Liters)
SmartWash^{HE} cycle The most advanced and versatile cycle. This cycle senses the soil amount and toughness of soil. This cycle is optimized to achieve outstanding cleaning with minimal water and energy.	2:49	3.8 to 7.7 (14.4 to 29.3)
Pots & Pans Works best on your toughest items, such as casseroles with baked-on food residue. Use with TurboZone [®] option to get the best baked-on soil cleaning.	4:13	8.4 (31.7)
Normal Wash This cycle with only the Smart Dry TM option selected, and without other options selected, is recommended to completely wash and dry a full load of normally soiled dishes. The energy usage label is based on this cycle and option combination.	2:50	2.7 to 7.7 (10.4 to 29.3)
China Gentle Provides a light wash and gentle dry for delicate items such as china and crystal.	2:41	2.7 to 7.7 (10.4 to 29.3)
Express Wash To save water and energy, high efficiency dishwashers use advanced filtration which may result in longer cycle times (in some cases over 2 hours). When you need fast results, the Express Wash cycle will clean your dishes using slightly more water and energy. Then, towel dry dishes for immediate use. Select Smart Dry TM if you want to add a drying option.	1:00	6.2 (23.4)
Quick Rinse Use for rinsing dishes, glasses, and silverware that will not be washed right away. Do not use detergent.	0:15	2.1 (8.0)

*This is the approximate cycle time obtained with 120°F (49°C) hot water available at the dishwasher. Increase in time results from low temperature of the incoming water.



Options	Can be selected with	What It does	Added time to cycle	Added Water ** Gallons (Liters)
TurboZone® Directs water into your casserole or other dishes to eliminate the need for soaking and scrubbing of dirty, baked-on food soils. For your toughest items, use the TurboZone® option with the Pots & Pans cycle. See loading information.	SmartWash®^{FLC} Pots & Pans Normal Wash	Directs all of the cleaning power of the dishwasher to the TurboZone® area during certain times in the wash cycle.	0:10 to 2:20	0 to 5.0 (0 to 18.9)
High Temp Raises main wash temperature to improve cleaning for loads containing tough, baked-on food.	SmartWash®^{FLC} Pots & Pans Normal Wash	Raises the main wash temperature from 120°F (49°C) to 140°F (60°C).	0:0 to 0:30	0 to 2.3 (0 to 8.8)
Sani Rinse Sanitizes dishes and glassware in accordance with NSF International NSF/ANSI Standard 184 for Residential Dishwashers. Certified residential dishwashers are not intended for licensed food establishments. Only sanitizing cycles have been designed to meet the requirements of the NSF/ANSI 184 performance standard for soil removal and for sanitization efficacy. There is no intention, either directly or indirectly, that all cycles on a NSF/ANSI 184 certified dishwasher meet the NSF/ANSI 184 performance standard for soil removal and for sanitization efficacy. The Sani Rinse Indicator indicates at the end of the cycle whether the Sani Rinse option was successfully completed. If the indicator does not activate, it is probably due to the cycle being interrupted.	SmartWash®^{FLC} Pots & Pans Normal Wash Top Rack Only Bottom Rack Only	Increases the main wash temperature from 120°F (49°C) to 140°F (60°C) and the final rinse from 140°F (60°C) to 155°F (68°C).	0:10 to 2:20	1.2 to 6.2 (4.8 to 23.3)
Smart Dry Turns the heat element on at the end of the wash cycle. Use rinse aid with or without the Smart Dry option for best drying results. Plastic items are less likely to deform when loaded in the top dish rack.	Available with any cycle except Quick Rinse	Turns the heat element on at the end of the wash cycle.	0:11 to 0:48	0
Top Rack Only For added convenience, use for washing a small load of dishes in the top rack to help keep the kitchen continuously clean.	Available with any cycle Cannot be used with TurboZone® option	Slightly faster wash for smaller loads.	Saves up to 0:18	0
Bottom Rack Only For added convenience, use for washing a small load of dishes in the bottom rack to help keep the kitchen continuously clean.	Available with any cycle Cannot be used with TurboZone® option	Slightly faster wash for smaller loads.	Saves up to 0:17	0

**The maximum additional water used for any combination of options is 7.1 gal. (27.0 L).

Dishwasher Control Section

Delay Hours

Use this option to run your dishwasher during off-peak hours. Local utility providers recommend using energy during off-peak hours when possible.

To delay the start:

1. Select a wash cycle and options.
2. Press DELAY HOURS to choose the number of hours to be delayed.
3. Press START/RESUME.

NOTE: Anytime the door is opened for more than 5 seconds (such as, to add a dish), the Start/Resume button must be pressed again to resume the delay countdown.

Control Lock Option

Use the Control Lock option to avoid unintended use of the dishwasher between cycles. When Locked is lit, all buttons are disabled. The dishwasher door can still be opened/closed while the controls are locked.

To turn on Control Lock

Press and hold SANI RINSE for 3 seconds. Locked will light. If you press any pad while your dishwasher is locked, the light flashes 3 times.

NOTE: The dishwasher cannot start if the control is locked.

To turn off Control Lock

NOTE: You may need to disable Sleep Mode by pressing either START/RESUME or CANCEL/DRAIN, or by opening and closing the door before you are able to turn off Control Lock.

Press and hold SANI RINSE for 3 seconds. The light turns Off.

Dishwasher Feedback Section

Cycle Indicators and Time Display



The indicators glow when the dishwasher is washing, drying, complete, and/or sanitized. They also glow when the control is locked and/or the delay option is selected.

The Status Display is used to follow the progress of the dishwasher cycle and to show other information.



Estimated cycle time is displayed in hours and minutes as you make cycle and option selections. After you start the dishwasher, the display counts down the time.

When you select the Delay option, the time display will give the number of hours followed by an "H".

Selecting Cycles and Options

1. To repeat the same cycle/options used on previous cycle, press START/RESUME once to show which selections you used. To change cycle, select desired cycle.

2. Select the desired options, then press START/RESUME to start the cycle. Not all options are available for every cycle. If an invalid option is selected for a given cycle, the lights will flash.

Turning OFF/ON the Sound

Press and hold HIGH TEMP WASH for 3 seconds to toggle sound On and Off. The sound will not deactivate for cycle interruption or service required messages.

Canceling A Cycle

1. Open the door slightly to stop the cycle. Wait for the spraying action to stop before completely opening the door.
2. Press and hold the CANCEL/DRAIN button until the Cancel/Drain light turns on.
3. Close the door. The dishwasher starts a drain cycle if water remains in bottom of dishwasher. Let the dishwasher drain completely. The Cancel/Drain light turns off after 2 minutes.

Changing A Cycle After Dishwasher Is Started

You can interrupt a cycle and restart your dishwasher from the beginning using the following procedure.

1. Open the door slightly to stop the cycle. Wait for the spraying action to stop, then open the door completely.
2. If the Add a Dish indicator is lit you may add items to the load.
3. Press START/RESUME.
4. Press and hold CANCEL/DRAIN twice to reset the control.
5. Select new cycles and options.

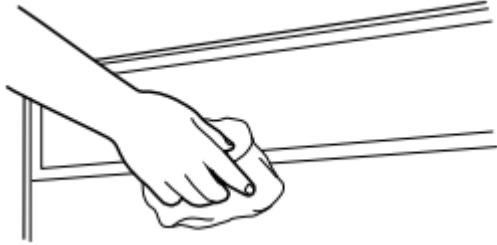
Adding A Dish After Dishwasher Is Started

1. Open the door slightly to stop the cycle. Wait for the spraying action to stop, then open the door completely.
2. If the Add a Dish indicator is lit you may add items to the load.
3. Press START/RESUME.
4. Close the door. The door must be closed within 3 seconds of pressing Start/Resume, or the dishwasher will beep several times and the cycle will not resume.

DISHWASHER CARE

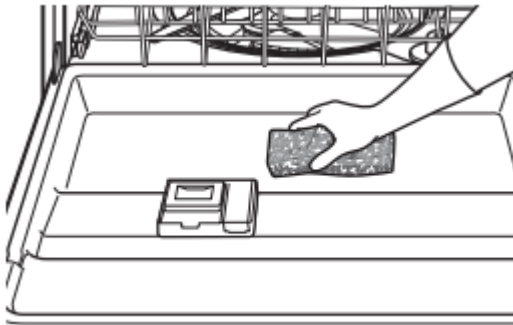
Cleaning

Cleaning the exterior



In most cases, regular use of a soft, damp cloth or sponge and a mild detergent is all that is necessary to keep the outside of your dishwasher looking nice and clean. If your dishwasher has a stainless steel exterior, a stainless steel cleaner is recommended.

Cleaning the interior



Hard water minerals can cause a white film to build up on the inside surfaces, especially just beneath the door area.

Do not clean the dishwasher interior until it has cooled. You may want to wear rubber gloves. Do not use any type of cleanser other than dishwasher detergent because it may cause foaming or sudsing.

To clean interior:

Make a paste with powdered dishwasher detergent on a damp sponge and clean.

OR

Use liquid automatic dishwasher detergent and clean with a damp sponge.

OR

See the vinegar rinse procedure in “Cloudy or spotted dishware” in “Troubleshooting” section.

NOTE: Run a normal cycle with dishwasher detergent after cleaning the interior.

Dishwasher Maintenance Procedure

To help avoid hard water residue in your dishwasher, use affresh®† Dishwasher Cleaner (recommended) once a month as part of routine maintenance. affresh® Dishwasher Cleaner is effective in all dishwasher brands.

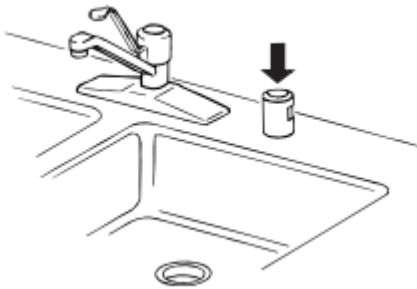
IMPORTANT: Read these instructions and the instructions found on the affresh® product package completely before beginning the cleaning process.

Removal of Hard Water/Filming: Recommended use of a monthly maintenance product such as affresh® Dishwasher Cleaner Part Number W10282479.

- Load your dishwasher (preferably with dishes affected by filming/hard water).
- Place tablet in main wash compartment of detergent dispenser or in the bottom of the tub.
- Select cycle/option best for heavily soiled dishes and start dishwasher.

NOTE: Recommended to use a premeasured detergent tablet or pack for regular daily use.

Drain Air Gap



Some state or local plumbing codes require the addition of a drain air gap between a built-in dishwasher and the home drain system. Check the drain air gap when your dishwasher is not draining well.

The drain air gap is usually located on top of the sink or counter top near the dishwasher. To order a drain air gap, please call 1-844-553-6667.

NOTE: The drain air gap is an external plumbing device that is not part of your dishwasher. The warranty provided with your dishwasher does not cover service costs directly associated with the cleaning or repair of the external drain air gap.

To clean the drain air gap

Clean the drain air gap periodically to ensure proper drainage of your dishwasher. With most types, you lift off the chrome cover. Unscrew the plastic cap. Then check for any soil buildup. Clean if necessary.

Vacation or Extended Time Without Use

To reduce the risk of property damage

- If you will not be using the dishwasher during the summer months, turn off the water and power supply to the dishwasher.
- Make sure the water supply lines are protected against freezing conditions. Ice formations in the supply lines can increase water pressure and damage your dishwasher or home. Damage from freezing is not covered by the warranty.
- When storing your dishwasher in the winter, avoid water damage by having your dishwasher winterized by authorized service personnel.

TROUBLESHOOTING

CHECK THESE POINTS TO HELP SAVE YOU TIME AND MONEY.

PROBLEM	SOLUTION
DISHWASHER DOES NOT RUN	<p>NOTE: It is normal for the dishwasher to repeatedly pause several times during a cycle.</p> <p>If the Start/Resume light is blinking, close the door and push START/RESUME.</p> <p>Be sure the door is closed and latched.</p> <p>Check that there is not an interference with large casserole dishes and the door system at the back of the dishwasher. Adjust loading as necessary to ensure the door is closed and latched.</p> <p>Be sure you have selected a cycle. See “Cycles and Options Information.”</p> <p>Be sure there is power to the dishwasher. A circuit breaker or fuse may have tripped.</p> <p>If lights other than Start/Resume blink and the unit will not run, you will need to call a service technician for service.</p>
DETERGENT REMAINS IN THE DISPENSER OR TABLET IS ON BOTTOM OF TUB	<p>Check for dishware such as cookie sheets, cutting boards, or large containers that may be blocking the detergent dispenser from opening properly.</p> <p>Be sure your detergent is fresh and lump free.</p> <p>Be sure the cycle has completed (green light is on). If it has not completed, you may need to resume the cycle by closing the door and pressing START/RESUME.</p>
CYCLE RUNS TOO LONG	<p>NOTES:</p> <ul style="list-style-type: none"> ■ To use less water and reduce energy consumption you will encounter cycles that typically run for up to 3 hours. ■ A water heater setting of 120°F (49°C) is best. The dishwasher will delay while heating cooler water. ■ Some options will add time to the cycle. See “Cycles and Options Information” section. The Smart Dry option adds ½ hour. <p>Try the Express Wash cycle.</p> <p>Run the hot water at a faucet close to the dishwasher before selecting and starting a cycle.</p>



<p>DISHWASHER NOT DRYING</p>	<p>NOTE: Plastic and items with nonstick surfaces are difficult to dry because of a porous surface which tends to collect water droplets. Towel drying may be necessary.</p> <p>Use of rinse aid along with the Heated Dry option is needed for proper drying.</p> <p>Proper loading of items can affect drying. (See specific loading instructions in the user guide.) Glasses and cups with concave bottoms hold water. This water may drip onto other items when unloading.</p> <ul style="list-style-type: none"> ■ Unload the bottom rack first. ■ Locate these items on the more slanted side of the rack for improved results.
<p>WILL NOT FILL</p>	<p>Be sure the water is turned on to the dishwasher.</p> <p>Check that the float is free from obstructions. See “Parts and Features.”</p> <p>Check for suds in the dishwasher. If foam or suds are detected, the dishwasher will not operate properly or may not fill with water.</p>
<p>WATER REMAINS IN THE TUB/ WILL NOT DRAIN</p>	<p>Be sure the cycle has completed (the green light is on). If it has not, you may resume the cycle by closing the door and pressing START/RESUME.</p> <p>If dishwasher is connected to a food waste disposer, be sure the knockout plug has been removed from the disposer inlet.</p> <p>Check for kinks in the drain hose.</p> <p>Check for food obstructions in the drain or disposer.</p> <p>Check your house fuse or circuit breaker.</p>



<p>HARD WATER (WHITE RESIDUE ON DISHWASHER INTERIOR OR GLASSWARE)</p>	<p>NOTE: Extremely hard water mineral deposits can cause damage to your dishwasher and make it difficult to achieve good cleaning. You may bring water samples to your local water utility to check your water hardness level. A water softener is strongly recommended if your water hardness is 15 grains or more. If a water softener is not installed, the following tips may help:</p> <p>Use a cleaner designed for dishwashers once per month. See the “Dishwasher Maintenance Procedure” section.</p> <p>Clean the ULTRACLEAN™ filters at least once per month.</p> <p>Always use a rinse aid.</p> <p>Always use a high-quality, fresh detergent.</p> <p>Use a detergent booster/water softener additive designed for dishwashers.</p>
<p>ODORS</p>	<p>NOTE: If the dishwasher is not used daily, you can run a rinse cycle with the top rack only until a full load is ready to run, or use the Top Rack Only option for partial loads.</p> <p>Run a vinegar rinse through the dishwasher by putting 2 cups (500 mL) of white vinegar in an upright glass measuring cup in the lower rack. Run a normal cycle with the Heated Dry option turned off. Do not use detergent.</p> <p>The dishwasher may not be draining properly. See “Water remains in the tub after drain” in “Troubleshooting.”</p>
<p>NOISY</p>	<p>NOTES:</p> <ul style="list-style-type: none"> ■ Surging sounds can occur periodically throughout the cycle while the dishwasher is draining. ■ Normal water valve hissing may be heard periodically. ■ A normal snap sound may be heard when the detergent dispenser opens during the cycle and when the door is opened at the end of the cycle. ■ Improper installation will affect noise levels. <p>Be sure the filters are properly installed.</p> <p>A thumping sound may be heard if items extend beyond the racks and interfere with the wash arms. Readjust the dishware and resume the cycle.</p>



<p>FOOD SOILS REMAIN ON DISHES</p>	<p>Be sure the dishwasher is loaded correctly. Improper loading can greatly affect washing performance (see “Loading for Best Cleaning and Drying Performance”).</p> <p>Check filter to ensure it is properly installed. Clean it if needed. See “Cleaning Instructions” in “ULTRACLEAN™ Filtration System” for details.</p> <p>Select the proper cycle and option for the type of soils. The Pots Pans cycle TurboZone® (on some models) option can be used for tougher loads.</p> <p>Be sure the incoming water temperature is at least 120°F (49°C).</p> <p>Use the proper amount of fresh detergent. More detergent is needed for heavily soiled loads and hard water conditions.</p> <p>Scrape food from dishes prior to loading (do not prerinse).</p>
<p>DID NOT SANITIZE</p>	<p>If the Sani Rinse indicator light is blinking, the load is NOT sanitized. The cycle was interrupted in the final rinse, or your water heater is set too low. Set your water heater to 120°F (49°C).</p>
<p>DAMAGE TO DISHWARE</p>	<p>Improper loading can cause dishes to become chipped or damaged. See the loading instructions within this guide.</p>
<p>BLINKING LIGHTS</p>	<p>If Start/Resume or any status lights are blinking and the dishwasher will not run, open the door and push START/RESUME. If the dishwasher still will not run, call 1-844-553-6667.</p>



<p>CLOUDY OR SPOTTED DISHWARE (AND HARD WATER SOLUTION)</p>	<p>NOTES:</p> <ul style="list-style-type: none"> ■ Liquid rinse aid is necessary for drying and to reduce spotting. ■ Use the correct amount of detergent. <p>Confirm that the cloudiness is removable by soaking the item in white vinegar for 15-20 minutes. If the cloudiness disappears, it is due to hard water. Adjust the amount of detergent and rinse aid. See “Hard Water (White Residue On Dishwasher Glassware)” in “Troubleshooting.” If it does not come clear, it is due to etching (see below).</p> <p>Be sure the incoming water temperature is set at 120°F (49°C).</p> <p>Try using the High Temp and Sani Rinse options.</p> <p>To remove spotting, run a vinegar rinse through the dishwasher.</p> <ul style="list-style-type: none"> ■ Wash and rinse the affected dishware and load into dishwasher. Remove silverware and metal items. Put 2 cups (500 mL) of white vinegar in a glass cup in the lower rack. Run a normal cycle with the Heated Dry option turned on. Detergent is needed.
<p>ETCHING (PERMANENT CLOUDINESS)</p>	<p>This is an erosion of the surface of the glassware and can be caused by a combination of water that is too hot, from using too much detergent with soap, or by pre-washing. Detergent needs food soil to act upon. If etching has occurred, the glassware is permanently damaged. To avoid further etching, adjust the detergent amount to match the water hardness, stop pre-washing, and use water heating options only when incoming water temperature is below 120°F (49°C).</p>
<p>LEAKING WATER</p>	<p>Be sure dishwasher has been installed properly and is level.</p> <p>Suds can cause the dishwasher to overflow. Measure the detergent accurately and use only detergents designed for use in a dishwasher. Less detergent is needed for soft water. Try another brand of detergent if sudsing continues.</p> <p>To avoid rinse aid leaking from the dispenser, be sure the lid is securely attached and avoid overfilling.</p>
<p>TUB IS DISCOLORED</p>	<p>NOTES:</p> <ul style="list-style-type: none"> ■ High iron content in the water can discolor the tub. ■ Tomato-based foods can discolor the tub or dishware. ■ A citrus-based cleaner can be used to clean.



Warning

This content is compiled from multiple sources and is provided for reference purposes only. It may not be complete or fully applicable to all situations. If you are unable to resolve your issue, please contact the product manufacturer or an authorized service provider for official support.

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